

IN THE CLAIMS:

Please place the claims in the following form:

Claims 1-55. (Canceled)

56. (Currently amended) A dosage delivery unit for delivering a tooth bleaching composition comprising:

a multi-chambered vessel with [[wherein]] chambers the contents of which are expelled in response [[responsive]] to [[applied]] pressure applied on the vessel from an external source; and

a static mixer [[mixing baffle]] in communication with the chambers for accepting the contents thereof and mixing them together to form [[such that]] an aqueous [[mixture of a]] hydrogen-peroxide-containing [[hydrogen peroxide containing]] tooth bleaching composition that exits the static mixer [[dosage delivery unit]] in response to the applied pressure on the vessel [[chambers]].

57. (Previously presented) The dosage delivery unit of claim 56 wherein the aqueous mixture further comprises a thickener and an alkaline pH adjusting agent.

58. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture has a pH of greater than 5.5.

59. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture further comprises a stabilizing agent.

60. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture further comprises a calcium chelating agent.

61. (Previously presented) The dosage delivery unit of claim 56 wherein the aqueous mixture includes at least 70% water by weight, based on the weight of the mixture.

62. (Previously presented) The dosage delivery unit of claim 57 wherein the alkaline pH adjusting agent is a member selected from the group consisting of alkali metal hydroxides, ammonium hydroxide, alkali metal carbonates, TRIS and triethanolamine.

63. (Currently amended) The dosage delivery unit of claim 59 wherein the stabilizing agent is [[a member]] selected from the group consisting of sodium acid pyrophosphate, sodium stannate trihydrate, and 1-hydroxyethylidene-1,1-diphosphonic acid.

64. (Currently amended) The dosage delivery unit of claim 60 wherein the calcium chelating agent is [[a member]] selected from the group consisting of EDTA, salts of EDTA, citric acid, salts of citric acid, gluconic acid, salts of gluconic acid, alkali metal pyrophosphates and alkali metal polyphosphates.

65. (Previously presented) The dosage delivery unit of claim 57 wherein the thickener is a high molecular weight crosslinked polyacrylic acid.

66. (Previously presented) The dosage delivery unit of claim 56 wherein the aqueous mixture has a hydrogen peroxide concentration of less than 15% by weight of the mixture.

67. (Previously presented) The dosage delivery unit of claim 57 wherein the mixture has a pH within a range of between approximately 6.0 and approximately 10.0.

68. (Previously presented) The dosage delivery unit of claim 57 wherein the mixture has a pH within a range of between approximately 7.0 and approximately 10.0.

69. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture has a pH within a range of between approximately 8.0 and approximately 9.5.

70. (Previously presented) The dosage delivery unit of claim 56 wherein the chambers include formulations in the form of a gel or paste.

71. (New) A dosage delivery unit for delivering a tooth bleaching composition comprising:

a two-chambered vessel wherein one chamber contains an anhydrous gel including a hydrogen peroxide precursor and the other chamber contains an aqueous gel, the anhydrous gel and aqueous gel being expelled from the chambers in response to pressure applied on said vessel from an external source; and

a static mixer in communication with the chambers for accepting the anhydrous gel and the aqueous gel and mixing them together to form an aqueous gel comprising a hydrogen-peroxide-containing tooth bleaching composition that exits the static mixer in response to the applied pressure on the vessel.

72. (New) The dosage delivery unit of claim 71 wherein the hydrogen peroxide precursor is sodium percarbonate.

73. (New) The dosage delivery unit of claim 71 wherein:

the anhydrous gel includes an anhydrous carrier, a hydrogen peroxide precursor, and a thickening agent; and

the aqueous gel includes water, a chelating agent, a thickening agent, and a pH adjusting agent.

74. (New) The dosage delivery unit of claim 73 wherein the anhydrous carrier is polyethylene glycol and the hydrogen peroxide precursor is sodium percarbonate.

75. (New) The dosage delivery unit of claim 73 wherein the chelating agent is selected from the group consisting of EDTA, salts of EDTA, citric acid, salts of citric acid, gluconic acid, salts of gluconic acid, alkali metal pyrophosphates and alkali metal polyphosphates, and the pH adjusting agent is selected from the group consisting of alkali metal hydroxides, ammonium hydroxide, alkali metal carbonates, TRIS and triethanolamine.